

WHAT IS CLAIMED IS:

1. A plasma display panel, comprising:
  - a plurality of sustaining electrodes and a plurality of scanning electrodes with the sustaining electrodes and scanning electrodes forming at least a first electrode combination and a second electrode combination which are adjacent to each other, each electrode combination including one sustaining electrode and one scanning electrode;
  - a data electrode disposed along a direction approximately orthogonal to the sustaining electrodes and scanning electrodes;
  - a first display unit which corresponds to a first primary color and is controlled by the data electrode and the first electrode combination;
  - and
  - a second display unit which corresponds to a second primary color and is controlled by the data electrode and the second electrode combination;wherein the display unit and the second display unit are adjacent and alternately arranged.
2. The plasma display panel according to claim 1, wherein the first electrode combination includes a first sustaining electrode and a first

scanning electrode while the second electrode combination includes a second sustaining electrode and the first scanning electrode.

3. The plasma display panel according to claim 1, wherein the first electrode combination includes a first sustaining electrode and a first scanning electrode while the second electrode combination includes a second sustaining electrode and a second scanning electrode.
4. The plasma display panel according to claim 1, wherein the data electrode is of linear type and is orthogonal to the sustaining electrodes and scanning electrodes.
- 10 5. The plasma display panel according to claim 1, wherein the electrode combination is of bent type.
6. The plasma display panel according to claim 5, wherein the data electrode has at least a first line segment, a second line segment and a third line segment which are linked sequentially with the joint linking the first line segment and the second line segment being disposed in the first display unit while the joint linking the second line segment and the third line segment being disposed in the second display unit.
- 15 7. The plasma display panel according to claim 5, wherein the electrode

combination is of wave type.

8. The plasma display panel according to claim 5, wherein the data electrode has at least a first line segment, a second line segment, a third line segment, a fourth line segment and a fifth line segment which are linked sequentially with the joint linking the first line segment and the second line segment and the joint linking the second line segment and the third line segment being disposed in the first display unit while the joint linking the third line segment and the fourth line segment and the joint linking the fourth line segment and the fifth line segment being disposed in the second display unit.

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9. The plasma display panel according to claim 1, wherein the first display unit and the second display unit are separated by a barrier rib.

10. The plasma display panel according to claim 9, wherein the barrier rib is a honeycomb type barrier rib.

15 11. The plasma display panel according to claim 9, wherein the barrier rib is an alternating grid type barrier rib.

12. The plasma display panel according to claim 1, wherein the data electrode has a first protrusion and a second protrusion, the first

protrusion is disposed in a location corresponding to the first display unit while the second protrusion is disposed in a location corresponding to the second display unit.

13. The plasma display panel according to claim 12, wherein the first protrusion and the second protrusion are rectangular, ringlike or semi-circular.
14. A plasma display panel with a plurality of display units, the display units being of triangle arrangement, and having a first display unit and a second display unit, which are adjacent and alternately arranged, with the first display unit corresponding to a first primary color and the second display unit corresponding to a second mono-primary color, comprising:
  - a first sustaining electrode and a second sustaining electrode;
  - a scanning electrode, which, being disposed between the first sustaining electrode and the second sustaining electrode, is parallel to the first sustaining electrode and the second sustaining electrode respectively; and
  - a data electrode which is disposed along a direction approximately orthogonal to the sustaining electrodes;wherein the first display unit is controlled by the first sustaining

electrode, the scanning electrode and the data electrode while the second display unit is controlled by the second sustaining electrode, the scanning electrode and the data electrode.

15. The plasma display panel according to claim 14, wherein the data electrode is of linear type and is approximately orthogonal to the sustaining electrodes and scanning electrodes.
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16. The plasma display panel according to claim 14, wherein the data electrode is of bent type.
17. The plasma display panel according to claim 16, wherein the data electrode has at least a first line segment, a second line segment and a third line segment which are linked sequentially with the joint linking the first line segment and the second line segment being disposed in the first display unit while the joint linking the second line segment and the third line segment being disposed in the second display unit.
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18. The plasma display panel according to claim 16, wherein the date electrode combination is of wave type.
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19. The plasma display panel according to claim 16, wherein the data electrode has at least a first line segment, a second line segment, a

third line segment, a fourth line segment and a fifth line segment which are linked sequentially with the joint linking the first line segment and the second line segment and the joint linking the second line segment and the third line segment being disposed in the first display unit while 5 the joint linking the third line segment and the fourth line segment and the joint linking the fourth line segment and the fifth line segment being disposed in the second display unit.

20. The plasma display panel according to claim 14, wherein the data electrode has a first protrusion and a second protrusion, the first protrusion is disposed in a location corresponding to the first display 10 unit while the second protrusion is disposed in a location corresponding to the second display unit.

21. The plasma display panel according to claim 20, wherein the first protrusion and the second protrusion are rectangular, ringlike or 15 semi-circular.

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